BRITISH MEDICAL ASSOCIATION Library

Longbenton Urban District Council.

REPORT

OF THE

Medical Officer of Health,

For the Year 1914.

NEWCASTLE-ON-TYNE
Printed by Thomas Scott & Co., Printers, Ltd., Ellison Place.

1915.

Digitized by the Internet Archive
in 2017 with funding from
Wellcome Library

https://archive.org/details/b2974040x

ANNUAL REPORT

OF THE

MEDICAL OFFICER

OF

Longbenton Urban District

FOR THE YEAR 1914.

JAMES ROBERT BURN,
M.B., B.S., Ph.C., Medical Officer.

To the Chairman and Members of the
Longbenton Urban District Council.

Gentlemen,

I beg to submit my Annual Report for the year ending 31st December, 1914, upon the Health and Sanitary Condition of the District.

Area.

The area of the District is 5,349 acres, almost level, and practically no part covered by water.

Population.

According to the Census of 1911, the population was :—

1911 CENSUS.

Civil Parishes.		Number of Houses.	Population.	Average per House.
Longbenton	...	2,320	10,215	4·4
Burradon	...	278	1,310	4·7
Camperdown	...	185	918	4·9
Totals	...	2,783	12,443	4·7

For the purposes of this Report, the District is divided into two Sub-Districts, viz., Burradon (which includes Camperdown) and Longbenton.

34 new houses have been occupied during the year, and 3 houses were closed. Estimating on an average of 4·7 inhabitants per house, this makes an increase of population since last year of 145, of which 10 are assigned to Burradon Sub-District and 135 to Longbenton Sub-District.

Thus the population estimated to the middle of 1914 is :—

Sub-District.		Number of Houses.	Population.
Longbenton	...	2,374	10,462
Burradon	...	467	2,248
Totals	...	2,841	12,710

By far the greater number of the inhabitants are miners, the residue consisting of tradesmen, residents engaged in business in Newcastle-on-Tyne and on the banks of the Tyne, farmers, farm workers and railway employés.

The population in Burradon Sub-District consists almost exclusively of miners.

The mining population and other workers in the District are mostly indebted to the Newcastle-on-Tyne Royal Victoria Infirmary for surgical operations and medical treatment beyond that supplied by the local medical practitioners, whilst those in receipt of Poor-Law Relief are treated in the Tynemouth Union Infirmary, when necessary, as there are no Hospitals in the District, except that for Infectious Diseases at Scaffold Hill, Longbenton, which belongs to the Earsdon Joint Hospital Board. This Hospital Board is composed of representatives appointed by the Longbenton Urban District Council and four other Councils.

Table X.

Sub-District.	Population (middle of 1914).	Births (Nett).	Deaths (Nett).	Infant Deaths (Nett).
Longbenton	10,462	313	140	32
Burradon and Camperdown	2,248	76	39	12
Whole District ...	12,710	389	179	44

Of the Births returned, 14 were illegitimate, of which 11 were in Longbenton Sub-District and 3 in Burradon Sub-District.

Details of causes of death and ages at death for the Sub-Districts of Longbenton and Burradon are given in Tables IIIA, IIIB, IVA and IVB.

Statistics for the whole District for 1914 and previous years are given in Table I.

Births.

The total number of Births registered is 389, equal to a birth-rate of 30·6 per 1,000 per annum, as compared with 31·7 for 1913, and 31·3 for 1912.

In Longbenton Sub-District it is 30.

In Burradon Sub-District it is 33·8.

Deaths.

The nett number of Deaths registered is 179 (as compared with 145 for 1913, and 155 for 1912) equal to a death-rate of 14 per 1,000 per annum. (Corrected for difference in sex and age constitution the death-rate is 14·196). In 1913 it was 11·5, and in 1912 it was 12·36.

In Longbenton Sub-District the death-rate is 13·4.

In Burradon Sub-District it is 17·3.

Infant Mortality.

The Deaths of Infants under one year of age numbered 44, (in 1913 they were 42), and the Births were 389, (in 1913 they were 399), equal to an Infant Mortality of 113 per 1,000 Births.

In 1913, the Infant Mortality was 105·3, and in 1912 it was 112.

The Notification of Births' Act, 1907, has not been adopted by the District, but statistics do not shew that it is necessary, and for its proper working a Health Visitor would be required.

Deaths at under 5 years numbered 19 in Burradon Sub-District, and 55 in Longbenton Sub-District, making 74 in the District, equal to a death rate at this age-period of 5·8 per 1,000 of the population. In 1913 it was 4·3, and the same in 1912.

Zymotic Death-rate.

The number of deaths due to this cause is as follows:—

	Longbenton Sub-District.	Burradon Sub-District.	Total.
Enteric Fever	Nil. ...	Nil. ...	Nil.
Small Pox	Nil. ...	Nil. ...	Nil.
Measles	2 ...	Nil. ...	2
Scarlet Fever	4 ...	1 ...	5
Whooping Cough ...	4 ...	1 ...	5
Diphtheria (and Membranous Croup)	4 ...	1 ...	5
Diarrhœa and Enteritis (under 2 years) ...	6 ...	1 ...	7
Total ...	20 ...	1 ...	21

Equal to a Zymotic Death-rate of 1·8 per 1,000 per annum, as compared with 1·11 in 1913, and ·638 in 1912. This is high for the year, chiefly owing to the epidemics of Whooping Cough, Scarlet Fever and Diphtheria; the two latter, which are Notifiable Infectious Diseases, were epidemic throughout the country during the year.

Phthisis Death-rate.

Ten deaths occurred due to Phthisis, equal to a death-rate of ·79 per 1,000 per annum. It was ·56 for 1913, and ·71 in 1912.

The cases of Tuberculosis notified were 29, of which 22 were Pulmonary (Chest) and 7 of other forms of the disease.

The occupations of those affected were:—

Occupation.	Number.
Home	18
Miners	5
Shoemaker	1
Innkeeper	1
Draper	1
Baby	1
School	2
Total ...	29

There were 14 deaths registered as due to some form of Tuberculosis, of which 11 were in Longbenton Sub-District, and 3 in Burradon.

Respiratory Death-rate.

Deaths from Bronchitis, Pneumonia and Pleurisy numbered 21, making the death-rate for Diseases of Respiratory Organs, other than Phthisis, 1·65, as against 1·9 for 1913, and 1·5 in 1912.

Notifiable Infectious Diseases.

The examination of Table A will shew the number of cases of each Notifiable Disease notified in each Sub-District during each month of the year, and Table II shews the cases classified in age-periods, *e.g.*, one case of Erysipelas, and one of Pulmonary Tuberculosis (Phthisis) occurred at 65 and upwards; also the number of cases removed to Hospital.

TABLE A. Infectious Diseases Notified during the year 1914. Shewing Sub-Districts, Numbers and Months in which Notified.

Infectious Diseases	Jan.		Feb.		Mar		Apr		May.		June		July		Aug.		Sept		Oct		Nov.		Dec		Totals.
	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	Longbenton Sub-District	Burradon Sub-District	
Scarlet Fever	5	3	3	8	11	7		1	1	5	2	6	1	1	11	6	14	9	2	7	9	4	9	5	136
Diphtheria (including Membranous Croup) ...	5		2		2	1	3			1	1	1	4				2		3	1	1	1			28
Enteric Fever							1				1												1		3
Continued Fever																									
Relapsing Fever																									
Puerperal Fever																									
Erysipelas	1	1					2										1		3	1	1		1		11
Smallpox																									
Pulmonary Tuberculosis ...	1		5		1	1	3		1		1		1	1			2		2		3				22
Other forms of Tuberculosis			1		2				1		1		2												7
Cerebro-Spinal Meningitis...																									
Poliomyelitis																									
Ophthalmia Neonatorum ...																	1								1
Cholera																									
Plague																									
Typhus Fever																									
Totals	12	4	11	8	19	9	9	1	6	6	6	7	8	2	11	6	20	9	10	9	14	5	11	5	208

Typhoid Fever. Three cases were notified but only one was corroborated by blood-test.

Scarlet Fever. 136 cases were notified. In 1913, 63 were notified.

Diphtheria. 28 cases were notified. In 1913, 17 were notified.

Non-notifiable Infectious Diseases.

Whooping Cough was responsible for 5 deaths.

Epidemic Diarrhœa caused 7 deaths, not excessive considering the dry summer and plague of flies.

Sanitary Circumstances of the District.

Water Supply. All houses in the District, except 10, are now supplied with water from the Newcastle and Gateshead Water Company's Mains. See Report of Sanitary Inspector.

Rivers and Streams. There are no rivers or streams in the District except the streamlet known as the Ouseburn, which receives no sewage and is not contaminated.

Drainage and Sewerage. Most houses are drained into a Main Sewer which joins the Ouseburn Sewer in Newcastle-on-Tyne area. The others have no water-carriage system of closets. At West Allotment the houses are drained into the Sewer belonging to the Earsdon Urban Council, which discharges into the North Sea.

Information concerning Closet Accommodation, Scavenging, Sanitary Inspection, Premises and Occupations controlled by Bye-Laws and Regulations, will be found in the Report of the Sanitary Inspector attached hereto.

Schools. The sanitary condition of schools is satisfactory, all having the water carriage system, viz.: the County Council Schools at Burradon, Westmoor, Benton Square, Holystone and Forest Hall; and the National Church Schools in Longbenton Village.

It was not found necessary to close any of the Schools during the year on account of Epidemic Disease.

The School Medical Inspector has periodically inspected the school children and reported any cases requiring attention to the medical practitioners.

No complaints have been received as to the quality of Food, including Milk, supplied in the District. The Slaughter-houses, Cow byres and Dairies have been inspected and kept in order. **Food.**

After receiving the Circular of the Local Government Board, upon the housing of the working classes, on March 3rd, 1914, the Council appointed a Special Committee to enquire and consider Overcrowding and the need for New Houses. **Housing.**

The Medical Officer of Health and Inspector of Nuisances made a Joint Report on October 26th, 1914, dealing with:

(1) The sanitary condition of the houses occupied by the working classes throughout the District.

(2) Overcrowding.

(3) To what extent, if at all, new houses are required to provide for their necessary accommodation.

The Report was subsequently to be printed for submission to the Council on 28th January, 1915.

Workshops, Workplaces, &c.—See Report of Sanitary Inspector.

Sanitary Administration of the District.

A new permanent block has been added to the Hospital for Infectious Diseases, at Scaffold Hill, and there is now sufficient accommodation. **Hospital Accommodation.**

These have been carried out at the Laboratory of the Northumberland County Council, in Newcastle-on-Tyne, whenever required by the District Medical Officer and Medical Practitioners, free of charge and quite satisfactorily. This is of great assistance in diagnosing and treating the Infectious Diseases—Typhoid, Diphtheria and Tuberculosis. **Bacteriological Investigations.**

Prevalence of and Control over Acute Infectious Disease.

Scarlet Fever and Diphtheria have been much more prevalent than last year.

In spite of efforts to check the spread of Scarlet Fever many of the inhabitants of Burradon Sub-District especially continue to shew great indifference in preventing the spread of infection, even acting in direct contravention of written and verbal instruction by the Sanitary Authority and the Medical Practitioner in attendance.

This seems partly attributable to the mild nature of the attack in very many cases, and a doubt in some cases of its genuineness.

After a trial over two years of treatment by disinfecting oils, supplied by the Council, for the throat and skin of the patient in Scarlet Fever, I am convinced that it is of benefit to the patient and a great protection for others in the house, and where it has been carefully applied from the second day of the disease and throughout its course until "peeling" was completed, no second case has occurred which could be traced to "contact." Of 62 cases in Burradon Sub-District only one was fatal, and it was in this area where the above treatment was mostly tried. Of 74 cases notified in Longbenton Sub-District four cases were fatal.

Anti-Diphtheria Serum was supplied free by the Council wherever necessary.

Prevalence of and Control over Tuberculosis.

The means for dealing with this disease are still far from satisfactory, and the great expense entailed in supplying suitable nourishment and housing often prevents their being obtained at the time required, and delay in treatment decreases the chance of success.

Means for Preventing Mortality in Childbirth and in Infancy.

The Northumberland County Council being the Local Authority for the purposes of the Midwives' Act, 1902, has not delegated any of its powers to the Urban Council under Section 9 of the Act.

The question of adopting the Notification of Births' Act was considered last year, and it has not yet been adopted. There does not appear to be evidence sufficient to justify the employment of a Health Visitor in a district of this size and population, and without doing so the Act would be of little avail.

Factory and Workshop Act, 1901.

The Annual Report on the administration of this Act is appended.

Billeting of Troops in the District.

The co-operation of your Sanitary Authority with that of the Military Authorities has been carried out without friction to the great advantage of sanitation of the Troops.

No change took place in the staff of the Council up to the end of the year, owing to War Emergency.

I am, Gentlemen,

Your obedient servant,

JAMES ROBERT BURN.

March 27th, 1915.

TABLE I.

Vital Statistics of Whole District during 1914 and Previous Years.

Longbenton Urban District.

Year.	Population estimated to middle of each Year.	Births.			Total Deaths Registered in the District.		Transferable Deaths.		Nett Deaths belonging to the District.			
		Un-corrected Number.	Nett.				Of Non-residents registered in the District.	Of Residents not registered in the District.	Under 1 Year of Age.		At all Ages.	
			Number.	Rate.	Number.	Rate			Number.	Rate per 1,000 Nett Births.	Number.	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	15,856	536	536	33·9	183	11·5	1	2	58	108·2	184	11·6
1910	16,142	484	484	29·9	182	11·2	1	6	54	111·5	187	11·5
1911	12,443	418	420	33·75	207	18·32	1	21	75	178·57	224	18
1912	12,537	393	393	31·3	150	12·8	6	11	44	112	155	12·36
1913	12,565	397	399	31·7	141	11·2	10	14	42	105·3	145	11·5
1914	12,710	385	389	30·6	174	13·6	18	23	44	112·1	179	14 *

Area of District (in acres land and inland water) 5,349

Total population at all ages ... ... 12,443) At Census, 1911
Number of inhabited houses ... ... 2,783 (*c.f.* Census,
Average number of persons per house ... 4·7) Vol. V.)

* Corrected death rate (after having multiplied the nett death rate by 1·0140) = 14·196.

Total families or separate occupiers = 2,342.

TABLE II.

Cases of Infectious Disease notified during the Year 1914.

Longbenton Urban District.

Notifiable Disease	Number of Cases Notified: At all Ages.	At Ages—Years: Under 1.	1 and under 5 years.	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 and upwards.	Total Cases Notified in each locality: Longbenton Sub District.	Burradon Sub District.	Total Cases Removed to Hospital
Small-pox											
Cholera											
Plague											
Diphtheria (includ'g Membranous Croup)	28		3	23	1	1			23	5	9
Erysipelas	11	1			1	2	6	1	9	2	
Scarlet Fever ...	136		39	86	10	1			74	62	35
Typhus Fever ...											
Enteric Fever ...	3			2	1				3		1
Relapsing Fever ...											
Continued Fever ...											
Puerperal Fever ...											
Cerebro-spinal Meningitis ...											
Poliomyelitis ...											
Ophthalmia Neonatorum ...	1	1							1		
Pulmonary Tuberculosis	22		1	1	7	11	1	1	20	2	
Other forms of Tuberculosis	7	1	1	3		2			7		
Totals	208	3	44	115	20	17	7	2	137	71	45

Isolation Hospitals Scaffold Hill, Longbenton, on the District.
The Grange, Earsdon, outside the District.
Both under Earsdon Joint Hospital Board

Longbenton Urban District.

TABLE III.

Causes of, and Ages at Death during the Year 1914.

CAUSES OF DEATH.	Nett Deaths at the subjoined Ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
	All Ages.	Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 and upwards.	
1	2	3	4	5	6	7	8	9	10	11
All Causes — Certified	179	44	16	14	12	12	15	27	39	179
All Causes — Uncertified										
Enteric Fever										
Small-pox										
Measles	2			2						2
Scarlet Fever	5		2		2	1				5
Whooping Cough	5	3	1	1						5
Diphtheria and Croup	5				5					5
Influenza	1	1								1
Erysipelas	1								1	1
Phthisis (Pulmonary Tuberculosis)	10				1	5	4			10
Tuberculous Meningitis... ...	2			1	1					2
Other Tuberculous Diseases ...	2				1			1		2
Cancer, malignant disease ...	10						1	1	5	10
Rheumatic Fever										
Meningitis	1			1						1
Organic Heart Disease	14				1	2	3	5	3	14
Bronchitis	10	1	2	1				4	2	10
Pneumonia (all forms)	10	5	1	2			1	1		10
Other diseases of respiratory organs	1							1		1
Diarrhœa and Enteritis... ...	10	3	4	1	1				1	10
Appendicitis and Typhlitis ...										
Cirrhosis of Liver	2						1	1		2
Alcoholism										
Nephritis and Bright's Disease ...	5					1			4	5
Puerperal Fever										
Other accidents and diseases of Pregnancy and Parturition ...										
Congenital Debility and Malformation, including Premature Birth	27	27								27
Violent Deaths, excluding Suicide	10	2	1	2		2	2		1	10
Suicide										
Other Defined Diseases	16	2	5	3		1	3	10	22	16
Diseases ill-defined or unknown ...										
	179	44	16	14	12	12	15	27	39	179

Sub-District of Longbenton in Longbenton Urban District.

TABLE IIIa.

Causes of, and Ages at Death during the Year 1914.

CAUSES OF DEATH.	Nett Deaths at the subjoined Ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non Residents" in Institutions in the District.
	All Ages.	Under 1 year.	1 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 & under 75 years.	75 years and upwards.	
1	2	3	4	5	6	7	8	9	10	11
All Causes — Certified	140	32	12	11	9	11	12	23	30	140
All Causes — Uncertified										
Enteric Fever										
Small-pox										
Measles	2			2						2
Scarlet Fever	1		2		1	1				1
Whooping Cough	4	2	1	1						1
Diphtheria and Croup	1				1					1
Influenza	1	1								1
Erysipelas	1						1		1	1
Phthisis (Pulmonary Tuberculosis)	7					5	2			7
Tuberculous Meningitis... ...	2			1	1					2
Other Tuberculous Diseases ...	2				1			1		2
Cancer, malignant disease ...	9						1	4	4	9
Rheumatic Fever										
Meningitis	1			1						1
Organic Heart Disease	11				1	2	3	5		11
Bronchitis	7	1		1				3	2	7
Pneumonia (all forms)	9	5	1	2				1		9
Other diseases of respiratory organs	1							1		1
Diarrhœa and Enteritis... ...	9	3	3	1	1				1	9
Appendicitis and Typhlitis ...										
Cirrhosis of Liver	2						1	1		2
Alcoholism										
Nephritis and Bright's Disease ...	1					1			3	1
Puerperal Fever										
Other accidents and diseases of Pregnancy and Parturition ...										
Congenital Debility and Malformation, including Premature Birth	16	16								16
Violent Deaths, excluding Suicide	9	2	1	1		2	2		1	9
Suicide										
Other Defined Diseases	35	2	1	1			3	7	18	35
Diseases ill-defined or unknown ...										
	140	32	12	11	9	11	12	23	30	140

Sub-District of Burradon in Longbenton Urban District.

TABLE IIIb.

Causes of, and Ages at Death during the Year 1914.

CAUSES OF DEATH.	Nett Deaths at the subjoined Ages of "Residents" whether occurring within or without the District.									Total Deaths whether of "Residents" or "Non-Residents" in Institutions in the District.
	All Ages.	Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 and upwards.	
1	2	3	4	5	6	7	8	9	10	11
All Causes (Certified	39	12	4	3	3	1	3	4	9	39
All Causes (Uncertified										
Enteric Fever										
Small-pox										
Measles										
Scarlet Fever	1				1					1
Whooping Cough	1	1								1
Diphtheria and Croup	1				1					1
Influenza										
Erysipelas										
Phthisis (Pulmonary Tuberculosis)	3				1		2			3
Tuberculous Meningitis										
Other Tuberculous Diseases ...										
Cancer, malignant disease ...	1								1	1
Rheumatic Fever										
Meningitis										
Organic Heart Disease	3								3	3
Bronchitis	3		2					1		3
Pneumonia (all forms)	1						1			1
Other diseases of respiratory organs										
Diarrhœa and Enteritis... ...	1		1							1
Appendicitis and Typhlitis ...										
Cirrhosis of Liver										
Alcoholism										
Nephritis and Bright's Disease ...	1								1	1
Puerperal Fever										
Other accidents and diseases of Pregnancy and Parturition ...										
Congenital Debility and Malformation, including Premature Birth	11	11								11
Violent Deaths, excluding Suicide	1			1						1
Suicide										
Other Defined Diseases	11		1	2		1		3	1	11
Diseases ill-defined or unknown ...										
	39	12	1	3	3	1	3	1	9	39

Longbenton Urban District.

TABLE IV.

Infant Mortality.

1914. Nett Deaths from stated causes at various Ages under 1 Year of Age

CAUSES OF DEATH.	Under 1 week.	1–2 weeks.	2–3 weeks.	3–4 weeks.	Total under 4 weeks.	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year.
All Causes { Certified ...	15	1	1	1	21	11	6	3	3	11
All Causes { Uncertified...										
Small-pox										
Chicken-pox										
Measles										
Scarlet Fever										
Whooping Cough ...						1	1	1		3
Diphtheria and Croup ...										
Erysipelas										
Tuberculous Meningitis ...										
Abdominal Tuberculosis ...										
Other Tuberculous Diseases										
Meningitis										
Convulsions	1				1					1
Laryngitis										
Bronchitis						1				1
Pneumonia (all forms) ...		2			2	1	1		1	5
Diarrhœa						1		1	1	3
Enteritis										
Gastritis							1			1
Syphilis										
Rickets										
Suffocation, overlying ...										
Injury at birth										
Atelectasis										
Congenital Malformations	1				1					1
Premature Birth ...	8	2		1	11	2				13
Atrophy, Debility and Marasmus	5				5	4	3	1		13
Other Causes			1		1	1			1	3
	15	1	1	1	21	11	6	3	3	11

Nett Births in the year	{ Legitimate -	375
	{ Illegitimate -	14
Nett Deaths in the year of	{ Legitimate infants -	11
	{ Illegitimate infants -	3

Sub-District of Longbenton in Longbenton Urban District.

TABLE IVa.

Infant Mortality

1911. Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSES OF DEATH	Under 1 week.	1–2 weeks.	2–3 weeks.	3–4 weeks.	Total under 4 weeks.	1 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year.
All Causes (Certified ...	10	2	1	1	14	8	5	2	3	32
All Causes (Uncertified...										
Whooping Cough ...						1	1			2
Convulsions	1				1					1
Bronchitis						1				1
Pneumonia (all forms) .		2			2	1	1		1	5
Diarrhœa						1		1	1	3
Gastritis							1			1
Congenital Malformations	1				1					1
Premature Birth ...	6			1	7	2				9
Atrophy, Debility and Marasmus	2				2	1	2	1		6
Other Causes			1		1	1			1	3
	10	2	1	1	14	8	5	2	3	32

Nett Births in the year { Legitimate - - 302
Illegitimate - - 11

Including two transferred to District, not located.

Nett Deaths in the year of { Legitimate infants - 29
Illegitimate infants - 3

Burradon Sub-District of Longbenton Urban District.

TABLE IVb.

Infant Mortality.

1911 Nett Deaths from stated causes at various Ages under 1 Year of Age.

CAUSES OF DEATH.		Under 1 week.	1–2 weeks.	2–3 weeks	3–4 weeks.	Total under 4 weeks.	4 weeks and under 3 months	3 months and under 6 months	6 months and under 9 months	9 months and under 12 months	Total Deaths under 1 year
All Causes	Certified ...	5	2			7	3	1	1		12
	Uncertified...										
Whooping Cough ...									1		1
Premature Birth ...		2	2			4					4
Atrophy, Debility and Marasmus		3				3	3	1			7
		5	2			7	3	1	1		12

Nett Births in the year	Legitimate	73
	Illegitimate	3
Nett Deaths in the year of	Legitimate Infants	12
	Illegitimate Infants	Nil.

Annual Report of the Medical Officer of Health for the year 1913 for the Urban District of Longbenton on the administration of the Factory and Workshop Act, 1901, in connection with **Factories, Workshops, Workplaces and Homework.**

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

Including Inspections made by Sanitary Inspector or Inspector of Nuisances.

Premises.	Number of Inspections.	Number of Written Notices.	Number of Prosecutions.
1	2	3	4
FACTORIES ... ... (Including Factory Laundries)	3		
WORKSHOPS ... ... (Including Workshop Laundries)	55		
WORKPLACES ... ... (Other than Outworkers' premises included in Part 3 of this Report)			
Total	58		

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Particulars.	Number of Defects. Found.	Number of Defects. Remedied.	Number of Defects. Referred to H.M. Inspect'r	Number of Prosecutions.
1	2	3	4	5
Nuisances under the Public Health Acts:				
Want of Cleanliness...				
Want of Ventilation				
Overcrowding				
Want of Drainage of Floors				
Other Nuisances				
Sanitary accommodation. Insufficient... ...				
Sanitary accommodation. Unsuitable or defective				
Sanitary accommodation. Not separate for sexes				
Offences under the Factory and Workshop Act:				
Illegal Occupation of underground bakehouse (s. 101)				
Breach of special sanitary requirements for bakehouses (ss. 97 to 100) ...				
Other offences ... ... (Excluding offences relating to outwork which are included in Part 3 of this Report).				
Total				

3.—HOME WORK .. .. Nil.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year.	Number.
Bakehouses (none underground)	15
Dressmakers, Milliners, Knitting Machine worker, Needle worker on Outworkers' list, Blacksmiths, Tailors, Boot and Shoe Repairers, Builders and Joiners ..	39
Workshop Laundry	1

5.—OTHER MATTERS.

Class.	Number.
Matters notified to H.M. Inspector of Factories:—	
Failure to affix Abstract of the Factory and Workshop Acts, (s. 133, 1901) ..	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901) .. Notified by H.M. Inspector Reports (of action taken) sent to H.M. Inspector ..	
Other	
Underground Bakehouses (s. 101):—	
Certificates granted during the year	
In use at the end of the year	

(Signature), JAS. ROBT. BURN,

March 27th, 1915. Medical Officer of Health.

† See Inspector of Nuisances' Report for details.

LONGBENTON

URBAN DISTRICT COUNCIL.

Annual Report

OF THE

INSPECTOR OF NUISANCES,

For the Year 1914

ANNUAL REPORT

OF THE

INSPECTOR OF NUISANCES.

TO THE CHAIRMAN AND MEMBERS OF THE LONGBENTON URBAN DISTRICT COUNCIL.

GENTLEMEN,

I beg to submit to you my Third Annual Report for the year ending December 31st, 1914.

SCAVENGING OF HOUSE REFUSE DURING 12 MONTHS ENDING MARCH 31ST, 1914.—This work was carried out regularly by the Council's employees during day time. The ashpits were cleansed 13 times during the year, ash-closets once every week, and in some instances twice a week. Ash-bins were cleansed once a week. The quantity of refuse removed was 16,665 loads or 20,830 cube yards.

At Burradon and Camperdown the quantity per house = 12 cube yards.

At Benton, in the Grove district, the average per house = 3½ cube yards.

The average per house for the whole district = 7·3 cube yards.

The total cost of Scavenging amounted to £1,061 5s. 11d. The average cost per house = 6s. 5·8d., and the cost per person = 1s. 8d. Included in these expenses are £18 5s. 0d rental for refuse depôts.

It will be noted that there is a large increase in the cost as compared with last Annual Report. This is owing to the following expenditures :—

	£	s.	d.
(*a*) Three horses were sold for £25 18s. 1d. and it cost £129 0s. 8d. to replace them. Increase =	103	2	7
(*b*) During this period the cartmen's wages were increased twice, the total extra expenditure ... ... =	33	10	0
(*c*) A covered-in scavenging cart was also bought, the cost being	27	17	6
TOTAL ...	£164	16	1

Although we are now scavenging 513 more houses than the scavenging contractors used to do, the total extra cost is only £114 17s. 5d. The saving works out at £90 per annum. This, I think, is satisfactory when the extra expenditure is considered.

About 40% of the refuse was conveyed to the refuse depôts in the district, the remainder being tipped upon the land and ploughed in by the farmers.

REMOVAL OF TRADE REFUSE.—433 sacks of shop refuse were removed, the cost being approximately 1½d. per sack.

REFUSE DEPOTS.—There are 4 depôts in the district, as follows :—Burradon (near colliery) ; Prospect Hill Quarry ; Billy Pit, Benton ; and Benton Square Quarry. An annual rental is paid for each of the first three. The latter, which is nearly filled up, is free. The dry refuse, removed from Forest Hall and Benton, where the water-closet system is chiefly in use, is tipped at Billy Pit, where a 6′ 0″ wire fence is erected to burn paper in.

SANITARY CONVENIENCES.—The following is a list giving the number in existence in each Ward:

	Water Closets.	Ash Closets.	Ashpits in combination with Privies.	Privies.	Separate Ashpits.	Galvanised Iron Dust Bins.	Other Receptacles.	Privy Pails.
Allotment Ward ...	11	140	140	285	6	1	...	...
Benton Ward ...	361	71	34	42	127	196	39	...
Burradon Ward ...	29	369	24	35	20	4	1	...
Forest Hall Ward ...	291	360	62	88	104	173	9	1
Killingworth Ward...	99	308	61	96	50	40	9	2
Totals ...	790	1248	321	517	307	414	58	6

In connection with 34 new buildings erected during the year, 40 Water-closets, 25 Ash-bins and 6 separate Ashpits have been provided.

In connection with existing property the following have been abolished:—65 Privies, 28 Ashpits in combination with Privies, 3 Ash-closets, and in their place 64 Ash-closets, 11 Water-closets, 2 separate Ashpits and 5 Dust-bins.

Towards the end of the year the Council decided to ask owners of property to provide a water-closet where the privy and ashpit are found to be defective. To this end statutory notices have been served. As the Council have adopted Section 39 of the P. H. Acts' Amendments' Act, 1907, all new buildings have to be provided with a water-closet where there is a sufficient water supply and sewer. This only applies where the plans were not approved before the 20th day of December, 1913.

DRAINAGE WORKS.—30 houses were found to have defective drains. With few exceptions the drains were entirely re-laid. The others were repaired and made smoke-tight. The work was carried out in accordance with the bye-laws of the late Tynemouth Rural District Council, such bye-laws being in use until the new ones are approved by the Local Government Board. In all 41 water tests and 55 smoke tests were applied, and 161 inspections made while the work was in progress. See Table III.

DRAINAGE WORKS ON NEW BUILDINGS.—64 new systems of new drains were inspected, 6 of these were not quite completed at the end of the year. 3 extensions to existing drains were carried out and inspected. 111 water tests and 63 smoke tests were applied and 205 inspections made. See Table IV.

SLAUGHTER HOUSES.—There are 7 in the district. 4 are of modern construction. 18 visits were made. During the year 1 Statutory Notice was served. It has been complied with, the walls being cement plastered up to a height of 4 feet. Bye-laws have been approved by the Local Government Board.

DAIRIES, COWSHEDS, AND MILKSHOPS ORDER, 1885, AND THE CONTAGIOUS DISEASES (ANIMALS) ACT, 1886.—Regulations have been made under the above Order and Act. These have also been approved by the Local Government Board. There are 29 Cowsheds and Dairies and 3 Purveyors of Milk in the district. The total number of cows when last inspected was 281.

The various premises were inspected, a total of 93 visits having been made.

Sixteen informal notices were served to cleanse and limewash byres. These were speedily complied with.

HOUSING (INSPECTION OF DISTRICT) REGULATIONS, 1910.—The houses inspected number 6. Insanitary and other defects were found in each case. Informal notices were served upon the owners in 5 instances to carry out the repairs and alterations necessary. A Closing Order was served in the other case. This house has been closed, also 2 at Camperdown.

The chief defects found were damp floors and walls, leaky roofs, defective rain water gutters and down pipes, defective staircases, insanitary privy-middens, insufficient lighting area and ventilation, and unpaved areas. In connection with the 90 houses reported last year, and 46 reported in 1912 as not having been completed at the end of 1913 :—

163 Re-inspections were made during this year.

41 have been brought into compliance with the notices served.

18 are being altered and repaired.

71 are in the same condition as when first inspected—34 being at Benton Square, 24 at Wapping Square, 3 at Prosperous Pit and 10 at Richardson's Buildings, West Moor.

1 has been closed after service of Closing Order.

INSANITARY HOUSES.—As reported last year the owners of property at West Moor, Camperdown and Burradon were carrying out certain repairs and alterations, as requested by the late Council, until the war began. Since then this work has been stopped.

At West Moor, 7 houses have had new front room floors laid with wood, and the back kitchen floors were laid with cement after making provision for the ventilation of the former. Where necessary the walls were plastered with cement and sand.

At Camperdown, 2 houses have had new floors of wood laid on the ground floor, new attic floors, new staircases, larger windows, hinged skylights, and more ventilation provided. A cement area has also been laid at the north side of 26 houses in Lane Row, and the carriageway was penned and covered with clean boiler clinker.

At Burradon, 3 new floors were also laid.

A Detailed Joint Report on the Housing of the Working Classes in the district, by the Medical Officer of Health and myself, was presented to the Housing and Sanitary Committee on October 26th, 1914. This Committee considered it and reported to the Council on January 14th, 1915. This report was forwarded to the Local Government Board.

HOUSES WITHOUT A PROPER WATER SUPPLY.—The following houses are without a proper supply from the water mains :—

Prosperous Pit Cottages	3
Paddock Hall or East Farm	1
Hope Cottage and Hope Pit	2
Holy Stone Gardens and Cottages ...	4
	10

* A sample of water was taken from the Well at this place for the purpose of analysis on January 20th, 1915. The Analyst reported it to be unfit for drinking purposes, and very undesirable for other domestic purposes. The Council are taking action to have a supply from the water-main.

INFECTIOUS DISEASES.—I received 178 notifications from the Medical Officer of Health as follows :—

Scarlet Fever	137
Diphtheria	28
Enteric or Typhoid Fever ...	3
Erysipelas	10
	178

Acting on his instructions, 45 were removed to hospital. After removal to hospital and the recovery of patients at home, 102 rooms in 89 houses were fumigated with Formic-aldehyde. Two of this number were after cases of tuberculosis.

PETROLEUM ACTS.—One license has been renewed, and another granted during the year. These stores are in accordance with the regulations.

FACTORIES AND WORKSHOPS ACT, 1901.—The following is a list of Factories and Workshops in this district:—

Bakehouses (none underground)	15
Dressmakers	18
Milliners	2
Knitting machine worker	1
Needle-workers (on out-workers' list) ...	1
Workshop Laundry	1
Blacksmiths	4
Tailors	2
Boot and Shoe repairers	4
Builders and Joiners and Plumbers	7
Total number of Workshops ...	55
,, ,, Factories	3
	58

These were inspected, a total of 60 visits were made.

STREETS AND ROADS.—New street works are required at:—

FOREST HALL:—Forest Avenue, Crossley Terrace, Percy Street, Young's Road, Errington Terrace and Nicholson's Terrace back street.

SOUTH GOSFORTH:—Killingworth Road and Gallalaw Terrace.

WEST ALLOTMENT:—West Street, Earsdon Terrace, Holywell Terrace, and the paths in front of Eccles, Carlisle, Maude, Lamb, Buddle and Griffith Terraces.

CAMPERDOWN:—Back streets at Station Road, Atkin Street and Garden Terrace.

A Local Government Inquiry was held during the year in connection with the above streets, except Errington Avenue.

BYE-LAWS AND REGULATIONS.—The following have been framed, and are at present before the Local Government Board for their approval:—

(1) New Streets and Buildings.

(2) The Drainage of Existing Buildings.

The following have been approved by the Local Government Board, and are now in force in the district:—

(1) Slaughter Houses.

(2) Dairies, Cowsheds and Milkshops.

(3) For the Prevention of Nuisances from the keeping of Animals.

A large number of nuisances were abated forthwith on verbal notices to the persons responsible.

MILITARY BILLETS.—Much of my time has been taken up since the beginning of August in rendering assistance to the Military, who have been billeted in this Council's area since the war began. A daily cleansing of the latrines is carried out, and each receptacle is disinfected with Carbolic Powder after it has been emptied.

I am, Gentlemen,

Your obedient servant,

WM. BEAN, C.R.S.I.,

Inspector of Nuisances.

February 6th, 1915.

TABLE No. 1.

ESTIMATED POPULATION. 12,565	*Housing			Drainage.		Sanitary Conveniences.	Dairies and Cowsheds.	Slaughter Houses.	Bakehouses.	Other Workshops.	Nuisances from keeping of Animals.	Paving of Yards.	Other Nuisances.	TOTAL.
	Unfit for Human Habitation.	Over-crowding.	Dampness.	Choked.	Insufficient.	Insufficient.								
Number of inspections made...	53	1997	66	167	177	169	93	18	15	60	25	18	33	2891
Number of defects or contraventions of bye-laws found...	4	46	6	56	34	66	16	...	...	1	8	10	13	260
Number of informal notices by Inspector	4	46	6	56	34	66	16	...	...	1	8	10	13	260
Number of defects or contraventions remedied after informal notice	12	24	12	57	25	48	13	...	...	1	6	4	9	211
Number of statutory notices served by Local Authority...	...	22	...	2	6	4	...	1	...	...	...	...	2	37
Number of defects or contraventions remedied after statutory notice	...	5	...	2	4	54	2	1	...	...	...	...	2	70

* These statistics do not include the houses inspected under the Housing (Inspection of District) Regulations, 1910.

TABLE II.

Details relating to certain works carried out in the abatement of nuisances

Ash Closets Abolished	Privies Abolished	Ashpits Abolished	Water Closets Substituted	Ash Closets Substituted.	Separate Ashpits Provided.	Dust Bins Provided.
3	65	28	41	64	2	5

TABLE III.

Details relating to certain works carried out in the Re-laying of Defective Drains.

Yards of Glazed Earthenware Pipes.	Gullies, Anti-Bell Traps and Disconnecting Traps	Inspection Chambers Provided.	Yards of Cast-Iron Soil Pipes and Vent Shafts.	Water Closets Re fixed	Water Tests Applied.	Smoke Tests Applied	Visits Paid
180	79	20	165	17	41	55	164

TABLE IV.

Details relating to certain works carried out in the Provision of Drains to New Buildings.

Yards of Glazed Earthenware Pipes Laid	Gullies, Anti-Bell and Disconnecting Traps Fixed.	Inspection Chambers Provided.	Yards of Cast-Iron Drain Pipes, Soil Pipes and Vent-Shafts.	Water Closets Provided.	Water Tests Applied.	Smoke Tests Applied.	Visits Paid.
975	124	33	130	38	111	63	205

Housing (Inspection of District) Regulations, 1910.

Number of Dwelling Houses Inspected.	Number found to be unfit for Habitation	Closing Orders. Number of representations made to Local Authority	Closing Orders. Number of Closing Orders made	Number of Houses where defects were remedied without Closing Orders being made	Number of Houses rendered fit for Habitation after making Closing Order.	Number of Houses demolished. Under Demolition Orders	Number of Houses demolished. Voluntary by Owners.	General Character of Defects found to exist.
6	6	20	20	41	2	...	5	Damp walls and floors. Insufficient light & ventilation Defective rain-water gutters Defective staircases. Unpaved areas. Insanitary privy middens.

REMARKS.—1 House was closed after Statutory Notice was served.

Newly occupied houses during 1914 :—

Granville Avenue, Forest Hall	11
Primitive Mission, Forest Hall	1
Connaught Gardens, Forest Hall	2
Park Drive, Forest Hall	1
Miners' Cottages, West Benton	10
*Convent of Good Shepherd Cottages, West Benton ...	3
*Camperdown Inn Cottages	2
Permanent Fever Block at Scaffold Hill	1
	31

*These 5 Cottages have been erected in place of 5 old ones, which were closed voluntarily by the owners last year and demolished this year